

What is claimed is:

1. A locker system comprising lockers, a control center for remotely controlling said lockers, locker controllers applied to said lockers respectively, and user terminals operated by users of said lockers, wherein,

each of said lockers include at least one compartment having an electronically controlled lock system and a display unit for displaying information given by said control center,

said control center receives requests from said user terminals via a telecommunications network, and send instructions based on the received requests to said locker controllers via said telecommunications network, and

10 said locker controller receives the instruction from said control center via said telecommunications network, and controls corresponding locker based on the received instruction.

2. The locker system according to claim 1, wherein

said control center obtains status information of said lockers, specifies an available locker compartment based on the status information and the user's request, and provides information representing the available locker compartment to said user terminal which 5 requested said control center to inform an available locker compartment.

3. The locker system according to claim 1, wherein

said locker controller controls said electronically controlled lock system of the compartment to lock or unlock the compartment indicated by the instruction from said control center.

4. The locker system according to claim 1, wherein

said control center generates ID information in response to receiving the user's request, and transmits the generated ID information to said locker controller,

said locker controller receives the ID information from said control center, and 5 controls corresponding display unit to display the received ID information,

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said user terminal transmits the ID information input by the user to said control center, and

said control center receives the ID information from said user terminal, and transmits an instruction to allow the user to use the locker compartment to said locker controller, if the received ID information is correct.

5. The locker system according to claim 1, wherein

said control center transmits an instruction to said locker controllers so as to keep unused locker compartments being locked.

6. The locker system according to claim 1 further comprising a delivery center and deliverer terminals connected to said telecommunication network, wherein

said control center obtains information regarding to the delivery from said delivery center,

5 stores in a storage unit information sets each regarding to the delivery, the locker compartments, and the users so that the information sets are associated to each other, specifies a locker compartment based on the information stored in said storage unit, transmits information representing the specified locker compartment to said deliverer terminal, and

10 allows the deliverer to use the specified compartment by sending an instruction to unlock the compartment to said locker controller.

7. The locker system according to claim 1 further comprising an advertisement information provider being connected to said telecommunications network, which provides advertisement information to be displayed on said display unit with said locker controller, wherein

5 said advertisement information provider obtains information regarding to a user of said locker compartment,

said advertisement information provider selects advertisement information based on the information regarding to the user, and

transmits the selected advertisement information to said locker controller when the  
10 user uses the locker compartment.

8. The locker system according to claim 1 further comprising a billing server  
connected to said telecommunications network, which bills for service fees regarding to  
said locker.

9. A locker controlling method for remotely controls lockers via a  
telecommunications network, comprising the steps of:

obtaining information representing the status of the lockers via said  
telecommunications network;

5 receiving user's request via said telecommunication network;

specifying an available locker compartment in said locker which matches the user's  
request based on the obtained status information;

informing the user of the specified locker via said telecommunications network;

informing the specified locker of ID information via said telecommunications

10 network together with an instruction to present the ID information to the user;

receiving the ID information from the user via said telecommunications network;

and

providing a locker with an instruction to unlock the specified locker compartment  
via said telecommunications network, if the received ID information is correct.

10. The method according to claim 9, wherein said instruction providing step  
provides said locker with an instruction to keep the locker compartments being locked  
during the locker compartments are unused.

11. The method according to claim 9 further comprising the steps of:

obtaining advertisement information to be presented at the lockers;

obtaining information regarding to a user via said telecommunications network;

selecting advertisement information based on the obtained information regarding to

5 the user; and

providing said locker with the selected advertisement information via said telecommunications network together with an instruction to present the provided advertisement information when the user uses the locker compartment.

12. The method according to claim 9 further comprising the steps of:

obtaining information regarding to delivery from a deliverer via said telecommunications network;

specifying a locker compartment in said locker based on the obtained delivery  
5 information;

informing the deliverer of the information representing the specified locker compartment via said telecommunications network; and

informing the specified locker of ID information via said telecommunications network together with an instruction to present the ID information to the deliverer,

10 wherein

said ID information receiving step receives the ID information from the deliverer via said telecommunications network, and

said instruction providing step provides a locker with an instruction to unlock the specified locker compartment via said telecommunications network, if the received ID

15 information is correct.

13. The method according to claim 9 further comprising the steps of:

recognizing a plurality of users as a group; and

allowing the plurality of the users of the group to share the specified locker compartment.

14. The method according to claim 9 further comprising the steps of:

obtaining information representing fees for the services of the lockers user by user;

and

billing the user for the service based on the obtained fee information.

15. A control center for remotely controlling lockers via a telecommunications

network, comprising:

a connector which connects said control center to said telecommunications network;

a status manager which controls said connector to obtain status information of the

5 lockers;

a request receiver which controls said connector to receive user's request from user's terminals being connected to said telecommunications network;

a locker finder which specifies an available locker compartment based on the status information, which matches the user's request received by said receiver;

10 an ID information generator which generates ID information in response to the specification by said locker finder;

an information presenter which controls said connector to present information representing the locker compartment specified by said locker finder to said user's terminal together with the ID information generated by said ID information generator;

15 an ID information transmitter which controls said connector to provide the specified locker compartment with the ID information together with an instruction to present the ID information to the user;

an ID information receiver which controls said connector to receive the ID information from the user's terminal;

20 an ID information authenticator which determines whether the ID information received by said ID information receiver coincides with the ID information generated by said ID information generator; and

a locker controller which controls said connector to transmit an instruction to unlock the locker compartment if said ID information authenticator determines that the ID

25 information sets coincide with each other.

16. The control center according to claim 15 further comprising:

an advertisement manager which obtains advertisement information to be presented at the lockers;

- a user information obtainer which obtains information regarding to the user; and
- 5 an advertisement selector which selects advertisement information based on the user information obtained by said user information obtainer, wherein

said locker controller controls said connector to transmit the advertisement information selected by said advertisement selector to the specified locker compartment together with an instruction to present the advertisement information to the user.

17. A computer readable recording medium storing a program which causes a computer to:

establish a connection with a telecommunications network;

- obtain information representing status of lockers being connected to said
- 5 telecommunications network;

receive a request of a user of the locker from a user terminal via said telecommunications network;

specify an available locker compartment based on the user's request and the status information;

- 10 transmit information representing the specified locker compartment to the user terminal via said telecommunications network;

generate ID information in response to the specification of the locker compartment;

transmit the generated ID information to the specified locker compartment via said telecommunications network together with an instruction to present the ID information to

- 15 the user;

receive the ID information from the user terminal via said telecommunications network;

determine whether the received ID information coincides with the generated ID information; and

- 20 transmit an instruction to the specified locker via said telecommunications network to unlock the specified locker compartment if it is determined that the received ID

18. The computer readable recording medium according to claim 17, wherein said program further causes said computer to:

- obtain advertisement information to be presented at the lockers;  
obtain information regarding to the user;  
5 select advertisement information based on the obtained user information; and  
transmit the selected advertisement information to the specified locker via said  
telecommunications network together with an instruction to present the advertisement  
information to the user.